

COMMUNICATION METHOD USED FOR PACKET SERVER

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Inventor: CHUAH MOOI CHOO

Applicant: LUCENT TECHNOLOGIES INC

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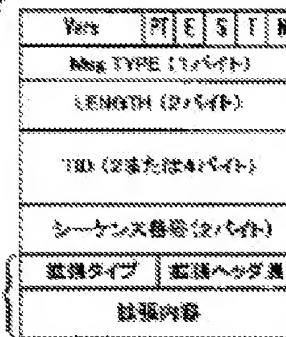
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Abstract of JP2001244993

PROBLEM TO BE SOLVED: To transport more effectively a small multimedia RTP packet by compressing a GTP (tunneling protocol)/UDP (user datagram protocol)/IP(Internet protocol) header in a UMTS core network. **SOLUTION:** The compression of a GTP/UDP/IP header including the header information on the GTP, UDP and IP based on the GPRS(general packet radio service) is negotiated with a GTP peer and the GTP/UDP/IP header is transmitted to the GTP peer. Then a compressed GTP/UDP/IP header is transmitted to the GTP peer. The compressed GTP/UDP/IP header includes a tunnel identifier field of its length shorter than 4 bytes or an expansion bit field showing presence/absence of an expansion field and a tunnel identifier presence field showing presence/absence of a tunnel identifier field.

圧縮 GTP ヘッダ



拡張ヘッダ

Ver: バージョン
PT: プロトコルタイプ
E: 拡張ビット
S: シーケンス番号
T: TID 存在
N: SNDCP 存在
Msg: メッセージ
TID: トンネル識別子